

Title (en)
PREDICTING WAIT TIME FOR NEW SESSION INITIATION DURING INCREASED DATA TRAFFIC LATENCY

Title (de)
VORHERSAGE DER WARTEZEIT FÜR DAS EINLEITEN EINER NEUEN SITZUNG BEI ERHÖHTER DATENVERKEHRSLATENZZEIT

Title (fr)
PRÉDICTION DU TEMPS D'ATTENTE POUR UN LANCEMENT DE NOUVELLE SESSION PENDANT UNE LATENCE DE TRAFIC DE DONNÉES ACCRUE

Publication
EP 3568932 B1 20230927 (EN)

Application
EP 17891987 A 20171113

Priority
• US 201715404126 A 20170111
• US 2017061391 W 20171113

Abstract (en)
[origin: US2018198733A1] A system includes at least one server that is configured to provide a multi-client network service to a plurality of existing users. When the server receives requests to join the multi-client network service from new users, the server may issue timestamps to each new user, obtain load metric based on the requests or timestamps, and collect the load metric to obtain historical data characterizing a demand in the multi-client network service over time. Further, based on the historical data, the server can predict a future load demand in the multi-client network service and selectively enable to join the multi-client network service by at least one of the plurality of new users based on the future load demand.

IPC 8 full level
H04B 17/309 (2015.01); **H04L 12/54** (2022.01); **H04W 28/02** (2009.01)

CPC (source: EP US)
G06N 20/00 (2018.12 - EP US); **H04L 41/147** (2013.01 - EP US); **H04L 43/0876** (2013.01 - US); **H04L 43/16** (2013.01 - EP US); **H04L 47/745** (2013.01 - EP US); **H04L 47/803** (2013.01 - EP US); **H04L 67/306** (2013.01 - EP US); **H04L 43/08** (2013.01 - EP); **H04L 43/0852** (2013.01 - EP US); **H04L 43/106** (2013.01 - EP US); **H04L 47/15** (2013.01 - EP US); **H04L 63/0209** (2013.01 - US)

Citation (examination)
US 2014153422 A1 20140605 - NAMBIAR BRIJESH [US], et al

Cited by
US10644970B2; US10855616B2; US11171876B2; US11711313B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 10855616 B2 20201201; **US 2018198733 A1 20180712**; CN 110168969 A 20190823; CN 110168969 B 20211203; CN 114268660 A 20220401; CN 114268660 B 20240430; EP 3568932 A1 20191120; EP 3568932 A4 20200826; EP 3568932 B1 20230927; JP 2020504388 A 20200206; US 11171876 B2 20211109; US 11711313 B2 20230725; US 2021006503 A1 20210107; US 2022086102 A1 20220317; WO 2018132173 A1 20180719

DOCDB simple family (application)
US 201715404126 A 20170111; CN 201780082308 A 20171113; CN 202111347556 A 20171113; EP 17891987 A 20171113; JP 2019536199 A 20171113; US 2017061391 W 20171113; US 202017030188 A 20200923; US 202117520506 A 20211105